Paper # 4

PTO-1449

Information Disclosure Citation in an Application

Application No.	Applicant(s)		
10/032,728	Robert T. Mallet et al.		
Docket Number	Group Art Unit	Filing Date	
073314.0102	Unknown	12/28/01	

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VA	A	4663166	5/5/87	Veech	424	146	6/24/854
VA	B	4988515	1/29/91	Buckberg	424	529	4/5/89
VA	C	5066578	11/19/91	Wikman-Coffelt	435	1	12/21/89
VA	D	5075210	12/24/91	Wikman-Coffelt	435	1	12/21/89
VA	E	5100677	3/31/92	Veech	424	677	12/17/86
VA	F	5290766	3/1/94	Choong	514	23	2/18/92
VA	G	5294641	3/15/94	Stanko	514	540	11/27/91
VA	H	5480909	1/2/96	Stanko	514	557	8/8/94
VA	I	5667962	9/16/97	Brunengraber et al.	435	1.2	3/18/96
VA	J	5876916	3/2/99	Brunengraber et al.	435	1.2	2/27/97

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	K							

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
VA	L	S.M. Tenney "**A Theoretical Analysis of the Relationship Between Venous Blood and Mean Tissue Oxygen Pressures**[1]," *Respiration Physiol* 20: Pages 283-296 (1974)	~~Accepted 1/17/74~~
	M	Kumpei Kobayashi et al. "**Control of Maximum Rates of Glycolysis in Rat Cardiac Muscle**," *Circ Res* 44: Pages 166-175 (1979)	~~1979~~
	N	George Constantopoulos et al. "**Nonenzymatic Decarboxylation of Pyruvate**," *Analytical Biochemistry* 139: Pages 353-358 (1984)	~~Received 11/7/83~~
	O	Rolf Bünger et al. "**Pyruvate-enhanced phosphorylation potential and inotropism in normoxic and postischemic isolated working heart**," *Eur. J. Biochem.* 180: Pages 221-233 (1989).	~~Received 9/5/88~~
	P	G. Vandeplassche et al. "**Mitochondrial Hydrogen Peroxide Generation by NADH-oxidase Activity Following Regional Myocardial Ischemia in the Dog**," *J Mol Cell Cardiol* 21: Pages 383-392 (1989)	~~Accepted 12/23/88~~
	Q	Robert T. Mallet et al. "**Glucose requirement for postischemic recovery of perfused working heart**," *Eur. J. Biochem.* 188: Pages 481-493 (1990).	~~Received 5/25/89~~
	R	Lucia Cavallini et al. "**The Protective Action of Pyruvate on Recovery of Ischemic Rat Heart: Comparison with Other Oxidizable Substrates**," *J Mol Cell Cardiol* 22: Pages 143-154 (1990)	~~Revised~~ 10/5/89
VA	S	Roberto Bolli "**Oxygen-Derived Free Radicals and Myocardial Reperfusion Injury: An Overview**," *Cardiovascular Drugs and Therapy* 5: Pages 249-268 (1991)	4661

EXAMINER

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449	Application No.	Applicant(s)	
Information Disclosure Citation in an Application	10/032,728	Robert T. Mallet et al.	
	Docket Number	Group Art Unit	Filing Date
	073314.0102	Unknown	12/28/01

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VA	T	5968727	10/19/99	Brunengraber et al.	435	1.2	3/1/99
VA	U	6020007	2/1/00	Veech	424	677	1/11/94
VA	V	6086789	7/11/00	Brunengraber et al.	252	399	5/12/98
VA	W	6143784	11/7/00	Greenhaff et al.	514	546	11/25/98
VA	X	6153647	11/28/00	Mallet et al.	514	546	11/12/98

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	Y							
	Z							

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
VA	AA	Rolf Bünger et al. "**Mitochondrial pyruvate transport in working guinea-pig heart. Work-related vs. carrier-mediated control of pyruvate oxidation**" *Biochimica et Biophysica Acta*, 1151: Pages 223-236 (1993)	Received ~~5/21/93~~
	BB	Laurence W. V. Deboer et al. "**Pyruvate enhances recovery of rat hearts after ischemia and reperfusion by preventing free radical generation**," *Am J Physiol Heart Circ Physiol* 265: Pages H1571-H1576 (1993)	~~1993~~
	CC	Juan A. Crestanello, M.D. et al. "**The Cumulative Nature of Pyruvate's Dual Mechanism for Myocardial Protection**[1]," *Journal of Surgical Research* 59: Pages 198-204 (1995)	~~11/16/94~~
	DD	Robert T. Mallet et al. "**Energetic modulation of cardiac inotropism and sarcoplasmic reticular Ca^{2+} uptake**" *Biochimica et Biophysica Acta*, 1224: Pages 22-32 (1994)	~~Received 01/24/94~~
	EE	Gerald D. Buckberg, Invited Editorial on "**Effects of Glutamate and Aspartate on Myocardial Substrate Oxidation During Potassium Arrest**," *J Thorac Cardiovasc Surg* 112: Pages 1661-1663 (1996)	~~Accepted 8/2/96~~
	FF	Kamal M. Mohazzab-H et al. "**Lactate and PO_2 Modulate Superoxide Anion Production in Bovine Cardiac Myocytes Potential Role of NADH Oxidase**," *Dept of Physiol* Vol. 96 No. 2 July 15, 1997: Pages 614-620	~~7/2/97~~
	GG	Robert T. Mallet et al. "**Mitochondrial metabolism of pyruvate is required for its enhancement of cardiac function and energetics**," *Cardiovascular Research* 42: Pages 149-161 (1999)	Accepted ~~9/21/98~~
VA	HH	M. Isabel Tejero-Taldo et al. "**Pyruvate Potentiates β-Adrenergic Inotropism of Stunned Guinea-Pig Myocardium**," *J Mol Cell Cardiol* 30: Pages 2327-2339 (1998) Article No. mc980792	~~Revised 08/06/98~~

EXAMINER	DATE CONSIDERED
V. Hlavacek	4-30-2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449

Information Disclosure Citation In an Application

Application No.	Applicant(s)		
10/032,728	Robert T. Mallet et al.		
Docket Number	Group Art Unit	Filing Date	
073314.0102	Unknown	12/28/01	

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	JJ						
	KK						
	LL						
	MM						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	NN							
	OO							

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
VA	PP	Roberto Bolli et al. **"Molecular and Cellular Mechanisms of Myocardial Stunning,"** *Physiol Rev* 79 No. 2 April 1990: Pages 609-634	~~April 1990~~
	QQ	Hans-Peter Hermann et al. **"Haemodynamic effects of intracoronary pyruvate in patients with congestive heart failure: an open study,"** *The Lancet* Vol. 353, April 17, 1999: Pages 1321-1323	~~04/17/99~~
	RR	M. Isabel Tejero-Taldo et al. **"Antioxidant Properties of Pyruvate Mediate its Potentiation of β-Adrenergic Inotropism in Stunned Myocardium,"** *J Mol Cell Cardiol* 31: Pages 1863-1872 (1999), Article No. jmcc.1999.1020. available online at internet site <http://www.idealibrary.com>	~~Revised 07/14/99~~
	SS	Robert T. Mallet **"Minireview - Pyruvate: Metabolic Protector of Cardiac Performance (44472),"** *Proc Soc Exp Biol Med* 223: Pages 136-148 (2000)	~~2000~~
VA	TT	Eberhard Bassenge et al. **"Antioxidant pyruvate inhibits cardiac formation of reactive oxygen species through changes in redox state"** *Am J Physiol Heart Circ Physiol* 279: Pages H2431-H2438 (2000)	~~2000~~
	UU	The University of North Texas Health Science Center at Ft. Worth, Institutional Review Board for the Protection of Human Subjects **"Use of Human Subjects Statement by Principal Investigator"**	~~Signed 01/08/01~~
	VV		

EXAMINER V. Aphimoc

DATE CONSIDERED 4-28-2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Paper # 6

PTO-1449

Information Disclosure Citation in an Application

Application No.	Applicant(s)	
10/032,728	Albert H. Olivencia-Yurvati et al.	
Docket Number	**Group Art Unit**	**Filing Date**
073314.0102	1614	12/28/01

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A.						
	B.						
	C.						
	D.						
	E.						
	F.						
	G.						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
VA	H.	93/02653	2/18/93	WO	A61K		X	
VA	I.	91/09520	7/11/91	WO	A01N	1/02	X	
	J.							
	K.							

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	~~L.~~	~~International Search Report PCT/US 02/00368~~	10/10/02
VA	M.	Vivek Rao et al. "*Insulin Cardioplegia For Elective Coronary Bypass Surgery*," Journal of Thoracic and Cardiovascular Surgery (JUN 2000) Vol. 119, No. 6, pp. 1176-1184	~~6/2000~~
VA	N.	Rene Ferrera et al., "*Microperfusion Techniques for Long-Term Hypothermic Preservation*", Journal of Hear and Lung Transplantation, Vol. 19, No. 8 (AUG 2000), pp 792-800	~~8/2000~~
VA	O.	Anis Baraka et al., "*Lidocaine Cardioplegia for Prevention of Reperfusion Ventricular Fibrillation*", Anals of Thoracic Surgery, Vol. 55, No. 6 1993, pp 1529-1533	~~1993~~
	P.		
	Q.		
	R.		

EXAMINER V Hremovic

DATE CONSIDERED 4-30-2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.